

Title (en)

Robot system and workpiece picking method

Title (de)

Robotersystem und Werkstückaufnahmeverfahren

Title (fr)

Système robotique et procédé de préhension de pièces

Publication

**EP 2314425 A3 20120104 (EN)**

Application

**EP 10185324 A 20101001**

Priority

- JP 2009245091 A 20091026
- JP 2010027552 A 20100210

Abstract (en)

[origin: EP2314425A2] A robot system (100) and a workpiece picking method are configured such that shape information about a plurality of workpieces in a bin (102) is detected by a shape sensor (103); the presence or absence of a graspable workpiece is detected on the basis of a result of detection performed by the shape sensor; if no graspable workpiece is detected, a robot (101) is caused to disturb a distribution of the workpieces in the bin; and if a graspable workpiece is detected, the robot is caused to grasp the detected workpiece.

IPC 8 full level

**B25J 9/16** (2006.01)

CPC (source: EP US)

**B25J 9/1687** (2013.01 - EP US); **B25J 9/1697** (2013.01 - EP US); **G05B 2219/37555** (2013.01 - EP US); **G05B 2219/40053** (2013.01 - EP US); **G05B 2219/40564** (2013.01 - EP US)

Citation (search report)

- [X1] US 7313464 B1 20071225 - PERREAULT LOUIS [CA], et al
- [X1] EP 0951968 A2 19991027 - FANUC LTD [JP]

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2314425 A2 20110427**; **EP 2314425 A3 20120104**; CN 102049778 A 20110511; JP 2011115930 A 20110616; JP 5402697 B2 20140129; US 2011098859 A1 20110428; US 8660685 B2 20140225

DOCDB simple family (application)

**EP 10185324 A 20101001**; CN 201010522183 A 20101025; JP 2010027552 A 20100210; US 91166710 A 20101025